SP3 – GETOUT

Deliverable: Milestone 1 Readiness Report

Project Lead:	John Hussey
Backend Developer:	Colin Allen
Database Developer:	Ryan Kim
Frontend Developer:	Nick Nguyen
Research & Documentation:	David Shipman

CS 4850 – Senior Project – Section 01,03
Sharon Perry
Fall 2022

Our group presented our milestone 1 readiness event on 10/13/2022 at 7:10pm. All members were in attendance for the presentation.

Type of Presentation: Preliminary Research, Prototype

Presentation Description:

We had the opportunity to present our progress in developing our mobile spam-blocking application **GetOut**, which is built in ReactNative for IOS and Android. We had each member of the team speak on their contributions to the project, starting with David Shipman as the researcher and documenter, who explained some of the pitfalls and discoveries we had during the preliminary research phase of the project.

John Hussey was the next to speak. John described the overall scope of the project and its purpose. The backend developer, Colin Allen discussed the actual implementation of the research and planning in code, and some of the technical choices and restrictions that were encountered.

Our peers were then presented with the UI mockups developed by Nick Nguyen, our frontend developer. After this, Ryan Kim, our database developer, spoke briefly about the database design, using a UML diagram to assist in visualizing data flow.

We wrapped up with a brief prototype presentation running in an Android Emulator.

There were several questions asked, but the ones that stuck out the most to our group were:

- Was call blocking possible on iOS?
    - Answer: Call blocking is possible on iOS 10+ using the CallKit API.

- Would numbers have to be added to the blacklist/whitelist manually?
    - Answer: The process is currently done manually through the call log and white/blacklist screens, but we are looking to automate the process in phase two.

Peer Reviews:

Nick

Project No. - Name	Type of Presentation*	What was done well	Suggestions for improvement / clarification
DL-1 Quantum	Prelimanary Research, Code Review	• Work is divided well among group members • diagrams are informative and useful to their point	• Explanations and goal of the project was unclear
Indy-5 Chores	Prototype, Code Review	• Primary goal is clear • Use AWS and UI explained well	• UI needs more work • clustered and a lot of white space
SP-12 Music App	Design Review, Code Review	• The use of Figma was very useful as it showed all points to the project	• Implementation needs to get started • look into copyright issues
SP-1 Red	Prototype, Code Review	• Layout of the app is organized and efficient	• Start implementation ASAP
CO-3 Track on Time	Prototype	• The frontend design for the app is great	• Being only on iOS is a downside • try to get on Android
Indy-4 Delivery App	Design Review, Prototype	• Prototype works well • goal of project is clear	• Frontend design for the app is square • try to use Figma

John

Project No. - Name	Type of Presentation*	What was done well	Suggestions for improvement / clarification
DL-1 Quantum	Preliminary research, Code review	• Version control • graphs • collaboration tools (Jupyter Notebook)	• Break it down into layman's terms
Indy-5 Chores	Prototype	• Plan • using cloud (RDS) for db and AWS Lambdas	• Calculate cost per user for AWS • Make mobile app
SP-12 Music App	Prototype	• UI Mockups, • separate functionality for students + teachers	• Copyright concerns
SP-1 Red	Code review	• Good introduction • Good discussion of code and purpose Good demo	
CO-3 Track on Time	Prototype	• Working demo	• Too short, not enough info
Indy-4 Delivery App	Prototype	• Great idea to create a template app for multiple restaurants • Good understanding of use cases	

David

Project No. - Name	Type of Presentation*	What was done well	Suggestions for improvement / clarification
DL-1 Quantum	Preliminary research/findings	• Version control • Interesting concept	• Break things down in layman's terms • clarification/definition sheet
Indy-5 Chores	Prototype	• Portability across platforms • Excellent functionality • Well defined database	• Mobile app access • Research monetization
SP-12 Music App	Prototype	• Appears to be fairly intuitive • Teacher has a lot of options for defining lessons and students	• Could use a student view • Potential copyright issues
SP-1 Red	Demo/Preliminary research	• Good deep investigation of possibilities • Decent workaround to avoid going out of scope (Raspberry Pi)	• Nothing bad; things seem to be progressing nicely for this team
CO-3 Track on Time	prototype/demo	• Good version control • Demo actually works	• Needs cross platform implementation
Indy-4 Delivery App	prototype	• Simple, streamlined design	• Make it so that one user can store multiple menus/setups (for potential franchise owners)

Ryan

Project No. - Name	Type of Presentation*	What was done well	Suggestions for improvement / clarification
DL-1 Quantum	Code/Demo Demonstration	• Good Explanation, • Good use of Git, • Everyone Spoke	• Quiet Speaking, • Presentation was not easy to follow
Indy-5 Chores	Prototype/Code	• Great speech and explanations, • Prototype ready, • Clear showings of what's been done	
SP-12 Music App	Design/UI	• Thought of multiple cases in terms of security, • Everyone spoke	• Incomplete/unpolished designs
SP-1 Red	Code/Demo	• Great introduction and back story, • Great documentation, • Gangnam Style	
CO-3 Track on Time	Demo	• Good demo, • Good introduction •	• Costs, • Not much explanation
Indy-4 Delivery App	Presentation/Slides	• Good Idea/Creative, • Good Slides	• Bad UI Design, • Prototype was not working, • Quiet Speaking

Colin
Group Presentation Feedback - Tuesday 2:00pm and Thursday 6:30pm

Project No. - Name	Type of Presentation*	What was done well	Suggestions for improvement / clarification
SP5-Blue Grocery List	Prototype	• Interface, • Stateful design	• Database needs improvements
SP13-Autonomous Go-Kart	Code Review	• Amazing documentation, • Very articulate, • Learned more about docker	• High-end information that may be hard to understand for new students.
YS-5 Green Cybersecurity and Malware Research	Preliminary Research	• Clear explanations, • Good figures	
Indy-2 Vada	Web Prototype	• Incredibly Mature Project, • Good presentation, • Good docs	
YS5-Red Cybersecurity and Malware Analysis	Preliminary Research	• Great Website, Interesting research	• Information not entirely clear
SP1-Red Robotics	Preliminary Research, Demo, Code Review	• Clear explanation, • Interesting project, • Clear code	• Went on a bit long
CO3-Mobile Track Time-Milage	Prototype, Preliminary Research	• Good documentation	• Not clear on product purpose/background
Indy-4 Delivery/Pickup App	Preliminary Research, Prototype	• Interesting monetization/idea	• Presentation/app design, • Very bland at this stage.